

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



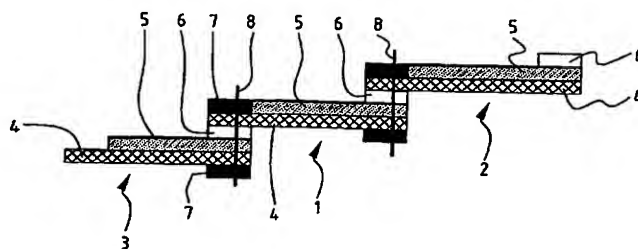
(43) International Publication Date
5 August 2004 (05.08.2004)

PCT

(10) International Publication Number
WO 2004/066400 A1

- (51) International Patent Classification⁷: **H01L 31/05**, 31/02
- (74) Agent: **DOKTER, Hendrik, Daniël**; Octrooibureau Dokter, P.O. Box 657, NL-7300 AR Apeldoorn (NL).
- (21) International Application Number: PCT/NL2003/000941
- (22) International Filing Date: 24 December 2003 (24.12.2003)
- (25) Filing Language: Dutch
- (26) Publication Language: English
- (30) Priority Data: 1022489 24 January 2003 (24.01.2003) NL
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (*for all designated States except US*): **STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND** [NL/NL]; Postbus 1, NL-1555 ZG Petten (NL).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **BRIEKO, Meindert, Willem** [NL/NL]; Valkkogerweg 22C, NL-1744 GB St. Maarten (NL).
- Published:**
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: COUPLING DEVICE FOR THIN-FILM PHOTOVOLTAIC CELLS



(57) Abstract: Coupling device for electrical coupling of a first thin-film photovoltaic cell to a second thin-film photovoltaic cell, which coupling device comprises at least one magnetic pressing element for positioning an electrically conductive layer on, and in electrical contact with, respective co-acting edge zones of the first and the second cell for bringing the first and the second cell into electrical contact in the overlapping state of these edge zones.